

Attorney Docket No. 16811MDUS01U

**DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION FILED
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(3 sheets)**

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**ALGEBRAIC LOW-DENSITY PARITY CHECK CODE DESIGN
FOR VARIABLE BLOCK SIZES AND CODE RATES**

The application of which: (Check applicable choice)

- A. ☒ Is attached hereto.
 B. _____ Was filed on _____ as U.S. Application No. _____
 C. _____ was filed as PCT International Application No. PCT/_____ on _____
 and (if applicable to U.S. or PCT application) was amended on _____.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. §1.56.

Except as noted below, I hereby claim foreign priority benefits under 35 U.S.C. §1.119(a-d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International Application which designated at least one other country than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT International Application, filed by me or my assignee disclosing the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if no priority is claimed, before the filing date of this application.

PRIOR FOREIGN APPLICATION(S)

<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>	<u>Date First Laid Open or Published</u>	<u>Date Patented or Granted</u>	<u>Priority NOT Claimed</u>

Except as noted below, I hereby claim domestic priority benefit under 35 U.S.C. §119(e) or 120 and/or 365(c) of the indicated United States applications listed below and PCT International applications listed above or below and, if this is a continuation-in-part (CIP) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date of each such prior application and the national or PCT International filing date of this application:

PRIOR US PROVISIONAL, NON-PROVISIONAL, AND/OR PCT APPLICATIONS(S)

<u>Application No.</u>	<u>Day/Month/Year Filed</u>	<u>Status (Pending, Abandoned, or Patented)</u>	<u>Priority NOT Claimed</u>

Attorney Docket No. 16811MDUS01U

POWER OF ATTORNEY OR AUTHORIZATION OF AN AGENT

And I hereby appoint the practitioners associated with Customer Number 34645, and as listed below as my/our attorney(s) or agents to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

John C. Gorecki Reg. No. 38,471

CHANGE OF CORRESPONDENCE ADDRESS

Please change the correspondence address for the above-identified application to the address associated with Customer Number 34645:

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE or FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given name: (first and middle (if any))	Sergey	Family Name Or Surname	Sukhobok
Inventors Signature: <i>Sergey Sukhobok</i>		Date: <i>03/10/04</i>	
Rockville Residence: City	MD State	USA Country	Belarus Citizenship
13755 Lambertina Place Mailing Address			
Rockville City	MD State	20850 Zip	USA Country

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NAME OF SOLE or FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given name: (first and middle [if any]) Nina		Family Name Or Surname Burns	
Inventors Signature: <i>Nina K Burns</i>		Date: <i>3-10-04</i>	
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NAME OF SOLE or FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given name: (first and middle [if any]) Aleksandar		Family Name Or Surname Purkovic	
Inventors Signature: <i>Aleksandar Purkovic</i>		Date: <i>03/10/04</i>	
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CUSTOMER NO. 34645

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Surgey Sukhobok, et al. Examiner: unknown
Serial No.: unknown Art Unit: unknown
Filed: herewith Attorney Docket No.: 16811MDUS01U
Title: ALGEBRAIC LOW-DENSITY PARITY CHECK CODE DESIGN FOR
VARIABLE BLOCK SIZES AND CODE RATES

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**POWER OF ATTORNEY FOR
PATENT APPLICATION**

Nortel Networks Limited, a Canadian corporation having principal offices at:

Nortel Networks Limited
2351 Boulevard Alfred-Nobel
St. Laurent, Quebec H4S 2A9, Canada

the owner by assignment of the entire right, title and interest to the invention for ALGEBRAIC LOW-DENSITY PARITY CHECK CODE DESIGN FOR VARIABLE BLOCK SIZES AND CODE RATES, by Sergey Sukhobok, Nina Burns, and Aleksandar Purkovic, and in and to the application for patent and any Letters Patent, whether domestic or foreign, that may issue thereon, by virtue of the assignment (check as applicable):

☒ Recorded Concurrently Herewith
☐ Recorded on _____
☐ Recorded at Reel _____ Frame _____
☐ Copy Attached

hereby appoints the attorneys associated with Customer Number 34645 to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

John C. Gorecki, Esq.
165 Harvard St.
Newton, MA 02460

its attorneys with full power of substitution and revocation, to prosecute all domestic and foreign patent applications, including PCT and EPO filings, relating to said invention and


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to transact all business connected therewith, including signing of all papers on its behalf and making alterations and amendments.

The undersigned is the representative for the Assignee of the entire right, title, and interest in the patent application identified above, and is authorized to act on behalf of the Assignee.

10 March 2004
Date

NORTEL NETWORKS LIMITED


Name: Holmes W. Anderson

Title: Senior Patent Counsel